

ITEM NO.	QTY PER ASS'Y	TOTAL QTY	PART NUMBER	DWG SIZE	DESCRIPTION	UNIT WEIGHT	TOTAL WEIGHT	MATERIAL	E SYM.	P.O. / STOCK NO.
1	1	12	5300-5220-16	В	ROTOR BLADE; 10 GAGE (.1345) x 3" WIDE	2.5#	30#	304 STN.STL.	Р	
					x 1'-10" LONG. (FOR 42" DIA. ASS'Y.)					
2	2	24	4114-1614	-	H.H.C.S.; 1/2"-13 UNC x 1" LONG.	-	2	18-8 STN.STL.	Р	
3	2	24		-	HEX NUT; 1/2"-13 UNC; SELF-LOCKING	-	1	18-8 STN.STL.	Р	
					(NYLON INSERT LOCK NUT)					
			1000							

					ESTIMATED TOTAL WEIGH	-tT =	33#			
L										

ASSEMBLY PROCEDURE:

- PRE-ASSEMBLE BLADES IN 3-SECTIONS; WITH 4 BLADES PER SECTION. ALL BOLTS ARE TO BE TORQUED TO 70 FT.-LB. WITH AN AIR WRENCH.
- 2. ASSEMBLE BLADE SECTIONS ON THE ROTOR TUBE. TORQUE ALL THE OUTER BOLTS AT JOINTS #1, 2, & 3 TO 70 FT.—LB.; THEN TORQUE ALL INNER BOLTS AT JOINTS #1, 2, & 3 TO 70 FT.—LB.

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F										_ D	IMENSIC		_ · ·	
ŀ								HINED D				MACHINED DECIMALS		ANGLES ±.5°
ŀ	00	1/98	DEE	RELEASED FOR PRODUCTION.			0. 0.0 0.00	= ± = ±	.04 .02 .01		0. 0.0 0.00	= ± = ± = +	.375 .187 .125	MACHINED FINISHES
\$	REV.	DATE	BY	DESCRIPTION	CH'KED	APPR'D	0.000	= ±	.005		0.000	= ±	.062	125

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5300 MAMMOTH ROTOR 42" DIA. BLADE ASSEMBLY

MAT'L: 304 STAINLESS STEEL

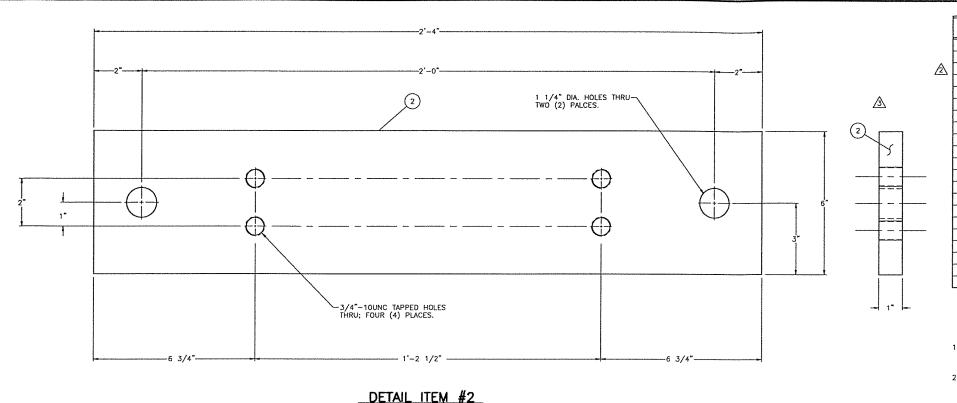
DRAW	N D.E.E.	•
CHEC	KED	LINE IS 1" ON ORIGINAL DWG.
APPRO	OVED	ADJUST SCALE ACCORDINGLY
DATE	01/28/1998	SCALE NONE
SAVE	NAME 304BA-42	SHEET1OF1

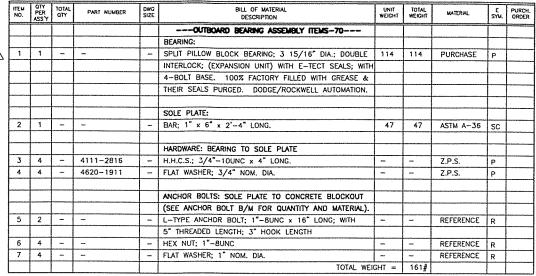
ZIMPRO

ROTHSCHILD, WI. 54474

DRAWING NUMBER

5300-4400-42

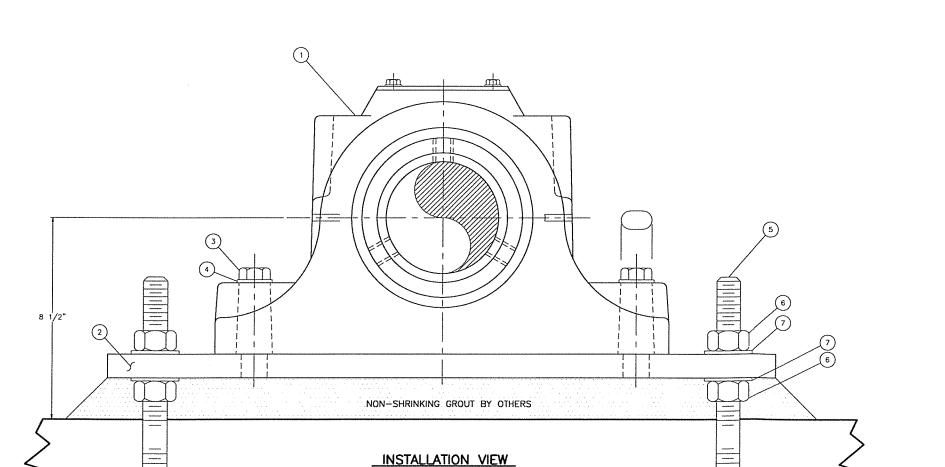




SHOP NOTES:

FIELD NOTES:

- PRIME PAINT ITEM #2 AFTER NEAR WHITE BLAST PER SSPC-SP10 WITH ONE (1) SHOP COAT OF TNEMEC SERIES 69 EPOXOLINE II RED PRIMER, 3.0-5.0 MILS AVERAGE D.F.T.
- SHIP BEARINGS IN THEIR ORIGINAL BOX AS RECIEVED. TAG BOXES "OUTBOARD BEARING", OR "INTERMEDIATE BEARING". TAG ITEM #2 ACCORDINGLY.
- REMOVE COMPONENTS FROM BOXES AND BAGS TAG BOXES "OUTBOARD BEARING", OR "INTERMEDIATE BEARING. TAG ITEM #2 ACCORDINGLY.
 - 2. ASSEMBLE AS SHOWN IN INSTALLATION VIEW BELOW.



3. SHIP ITEMS NO. 3 AND NO. 4 IN PLASTIC BAGS TAGED "OUTBOARD BEARING", OR "INTERMEDIATE BEARING". 4. SEE SHOP WORK ORDER FOR TOTAL QUANTITY. 5. SHIP ALL PARTS GROUPED TOGETHER.	
CONTRACTOR TO TOROUE ALL— SET-SCREWS AS SPECIFIED IN MANUALS	
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					T	
	03	9/97	DEE	REMOVED CLEAN-UP MACHINING ON SOLE PLATE.		
	02	5/97	DEE	ADDED 100% FACTORY GREASE FILLED & PURGED.	1	Γ
	02	5/97	DEE	REPLACED WET DUTY SEALS WITH E-TECT SEALS:	1	
	01	8/96	DEE	RE-DRAWN ON CAD; RELEASED FOR FABRICATION.		
ŝ	REV.	DATE	BY	DESCRIPTION	CH'KED	APPR'

TOLERANCES UNLESS NOTED

FRACTIONAL DIMENSIONS ± 1/16"

MACHINED DIM.
DECIMALS

0. - ± .04
0.0 = ± .02
0.00 = ± .01
0.00 = ± .01
0.00 = ± .01
0.00 = ± .05
0.000 = ± .05
0.000 = ± .05
0.000 = ± .062
0.000 = ± .062
0.000 = ± .062

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5300 MAMMOTH ROTOR FOR OUTBOARD BEARING ASSEMBLY OR INTERMEDIATE BEARING ASSEMBLY

3 15/16" DIA. EXPANSION UNIT

DRAWN D.E.E.

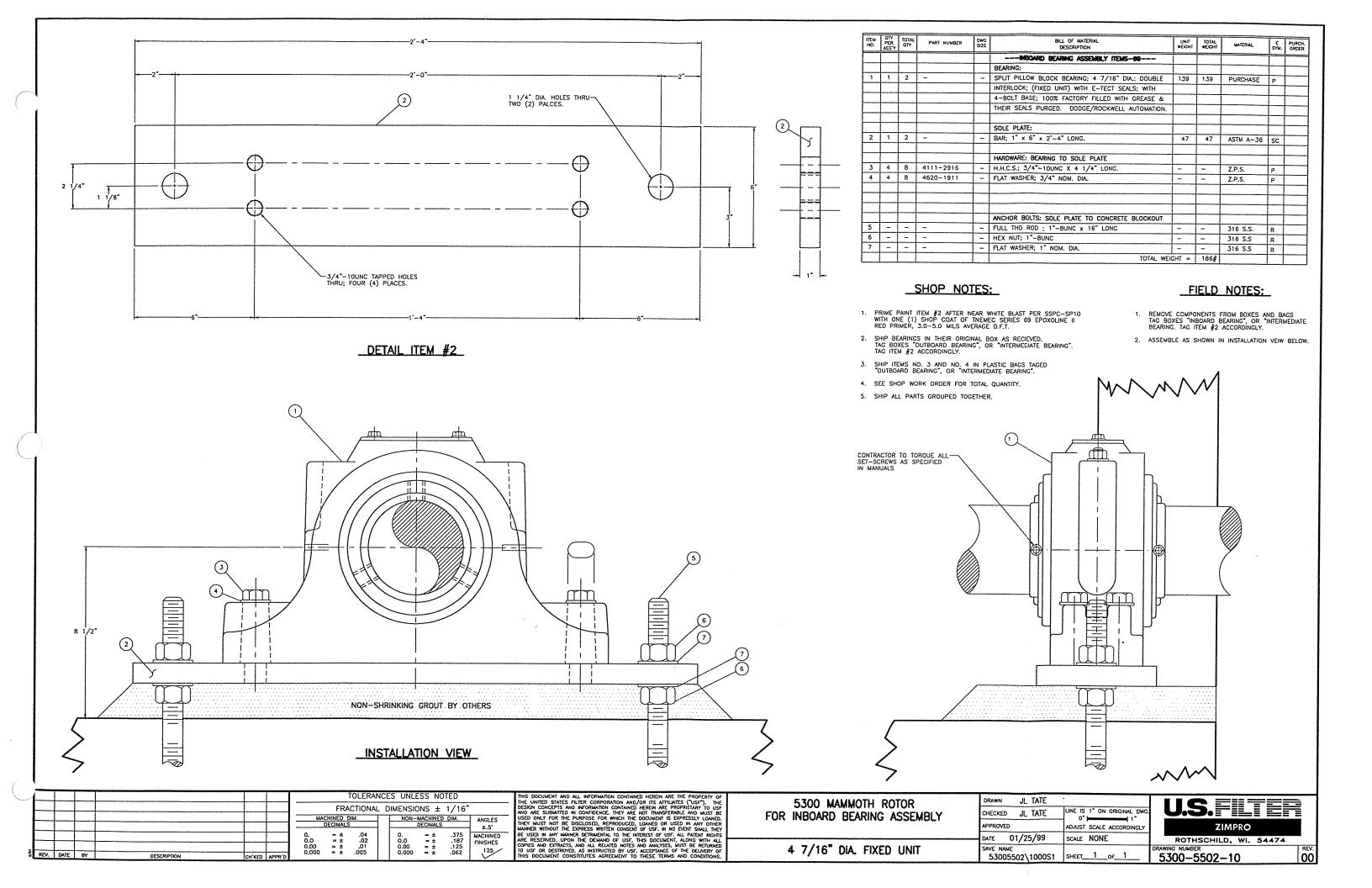
CHECKED D.E.E.

APPROVED

DATE 08/30/1996 SCALE ACCORDINGLY

SAVE NAME
53005502\1300S1 SHEET 1 of 1

ZIMPRO
ROTHSCHILD, WI. 54474
DRAWING NUMBER
5300-5502-13



54 C 5 10 5 5 5 5 5 5 5 5	M M P P P P P	R00009 R00009 R00045 R00045 R00133 R00461 R00164	5300-5421-39 5300-5420-71	ASSEMBLIES TORQUE ARM MOUNTING BRACKET LUBE LINE MOUNTING BRACKET PURCHASE ITEMS LINCOLN ELECTRIC MOTOR, MODEL No CF4P50T61Y, 50 HP, 1760 RPM, TEFC ENCLOSURE, 328T FRAME, 230/460 VOLT, 60 Hz, 1.15 SERVICE FACTOR, NEMA DESIGN B, CONSTANT TORQUE, MAX AMBIENT TEMP BOSIGN B, CONSTANT TORQUE, MAX AMBIENT TEMP GOTO MFG STANDARD PAINT, ONE CERTIFIED DRAWING AND TEN IO&M MANUALS REQUIRED WITH ORDER GEAR REDUCER, DODGE TX1825, DOUBLE REDUCTION, TAPER BUSHED, CLASS II, SHAFT MOUNTED (DODGE PART 2482BO). 60 RPM IS REQUIRED AT SLOW SPEED SHAFT. ONE CERTIFIED DRAWING AND TEN IO&M MANUALS REQUIRED WITH ORDER DODGE TXT8 (4 7/16 DIA) TAPER LOCK BUSHING, ASSEMBLY INCLUDES TWO BUSHINGS, KEYS AND MOUNTING BOLTS (DODGE PART 272035) ONE CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR CEAR BOX MOUNTED IN POSITION D WITH TAB—8 BOTTOM MOTOR MOUNT (DODGE PART 248466). TO, FIL 3651 FRAME, 50 HP MOTOR. ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE SVX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE NO 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE 5VX9.25, 3		29 1 759 633 15 90 20	
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	м Р Р	R00009 R00009 R00045 R00045 R00133 R00461 R00164		TORQUE ARM MOUNTING BRACKET LUBE LINE MOUNTING BRACKET PURCHASE ITEMS LINCOLN ELECTRIC MOTOR, MODEL NO CF4P50161Y, 50 HP, 1760 RPM, TEFC ENCLOSURE, 3261 FRAME, 230/460 VOLT, 60 Hz, 1.15 SERVICE FACTOR, NEMA DESIGN B, CONSTANT TORQUE, MAX AMBIENT TEMP 40°C MFG STANDARD PAINT, ONE CERTIFIED DRAWING AND TEN 102M MANUALS REQUIRED WITH ORDER GEAR REDUCER, DODGE TX1825, DOUBLE REDUCTION, TAPER BUSHED, CLASS II, SHAFT MOUNTED (DODGE PART 248280), 60 RPM IS REQUIRED AT SLOW SPEED SHAFT, ONE CERTIFIED DRAWING AND TEN 102M MANUALS REQUIRED WITH ORDER DODGE TXTB (4 7/16 DIA) TAPER LOCK BUSHING, ASSEMBLY INCLUDES TWO BUSHINGS, KEYS AND MOUNTING BOLTS (DODGE PART 272035) ONE CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR GEAR BOX MOUNTED IN POSITION D WITH TAB—8 BOTTOM MOTOR MOUNT (DODGE PART 248406), TO, FIT 3651 FRAME, 50 HP MOTOR, ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE SVX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE NO 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE SVX9.25, 3	ASSY	759 633 15	3795 3165 75 450
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	м Р Р	R00009 R00009 R00045 R00045 R00133 R00461 R00164		LUBE LINE MOUNTING BRACKET PURCHASE ITEMS LINCOLN ELECTRIC MOTOR, MODEL No CF4P50161Y, 50 HP, 1760 RPM, TEFC ENCLOSURE, 325T FRAME, 2307460 VOLT, 60 Hz, 1.15 SERVICE FACTOR, NEMA DESIGN B, CONSTANT TORQUE, MAX AMBIENT TEMP 40'C MFG STANDARD PAINT, ONE CERTIFIED DRAWING AND TEN IOÆM MANUALS REQUIRED WITH ORDER GEAR REDUCER, DODGE TX825, DOUBLE REDUCTION, TAPER BUSHED, CLASS II, SHAFT MOUNTED (DODGE PART 248280), 60 RPM IS REQUIRED AT SLOW SPEED SHAFT, ONE CERTIFIED DRAWING AND TEN IOÆM MANUALS REQUIRED WITH ORDER DODGE TXTB (4 7716 DIA) TAPER LOCK BUSHING, ASSEMBLY INCLUDES TWO BUSHINGS, KEYS AND MOUNTING BOLTS (DODGE PART 272035) ONE CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR GEAR BOX MOUNTED IN POSITION D WITH TAB—8 BOTTOM MOTOR MOUNT (DODGE PART 248406), TO, FIT 3651 FRAME, 50 HP MOTOR, ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE SVX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE NO 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE SVX9.25, 3	ASSY	759 633 15	3795 3165 75 450
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Р Р Р	R00009 R00009 R000045 R00045 R00133 R00461 R00164		PURCHASE ITEMS LINCOLN ELECTRIC MOTOR. MODEL No CF4P50T61Y, 50 HP, 1750 RPM, TEFC ENCLOSURE, 32ET FRAME, 230/460 VOLT, 60 Hz, 1.15 SERVICE FACTOR, NEMA DESIGN B, CONSTANT TORQUE, MAX AMBIENT TEMP 40°C MFG STANDARD PAINT, ONE CERTIFIED DRAWING AND TEN 102M MANUALS REQUIRED WITH ORDER GEAR REDUCER, DODGE TX825, DOUBLE REDUCTION, 1APER BUSHED, CLASS II, SHAFT MOUNTED (DODGE PART 248280), 60 RPM IS REQUIRED AT SLOW SPEED SHAFT. ONE CERTIFIED DRAWING AND TEN 102M MANUALS REQUIRED WITH ORDER DODGE TXTB (4 7/16 DIA) TAPER LOCK BUSHING, ASSEMBLY INCLUDES TWO BUSHINGS, KEYS AND MOUNTING BOLTS (DODGE PART 272035) ONE CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR GEAR BOX MOUNTED IN POSITION D WITH TAB—8 BOTTOM MOTOR MOUNT (DODGE PART 248466). TO, FIT 3651 FRAME. 50 HP MOTOR, ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE SVX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE NO 2517, WITH KEY, 21/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE SVX9.25, 3		759 633 15	3795 3165 75 450
5 5 5 5 5 5 15	P P P	R00009 R00023 R00045 R000475 R00133 R00461 R00164		UNCOLN ELECTRIC MOTOR, MODEL No CF4P50161Y, 50 HP, 1760 RPM, TEFC ENCLOSURE, 326T FRAME, 230/460 VOLT, 60 Hz, 1,15 SERVICE FACTOR, NEMA DESIGN B, CONSTANT TORQUE, MAX AMBIENT TEMP 40°C MFG STANDARD PAINT, ONE CERTIFIED DRAWING AND TEN IO&M MANUALS REQUIRED WITH ORDER GEAR REDUCER, DODGE TXT825, DOUBLE REDUCTION, TAPER BUSHED, CLASS II, SHAFT MOUNTED (DODGE PART 248280). 60 RPM IS REQUIRED AT SLOW SPEED SHAFT. ONE CERTIFIED DRAWING AND TEN IO&M MANUALS REQUIRED WITH ORDER DODGE TXT8 (4 7/16 DIA) TAPER LOCK BUSHING, ASSEMBLY INCLUDES TWO BUSHINGS, KEYS AND MOUNTING BOLTS (DODGE PART 272035) ONE CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR GEAR BOX MOUNTED IN POSITION D WITH TAB—8 BOTTOM MOTOR MOUNT (DODGE PART 248466). TO, FIL 3651 FRAME, 50 HP MOTOR, ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE SVX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE NO 2517, WITH KEY, 21/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE SVX9.25, 3		15	3165 75 450
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5 5 5 5 15	P P P	R00023 R00045 R000475 R00133 R00461 R00164		AND TEN IO&M MANUALS REQUIRED WITH ORDER GEAR REDUCER, DODGE TX1825, DOUBLE REDUCTION, TAPER BUSHED, CLASS II, SHAFT MOUNTED (DODGE PART 24828D), 60 RPM IS REQUIRED AT SLOW SPEED SHAFT, ONE CERTIFIED DRAWING AND TEN IO&M MANUALS REQUIRED WITH ORDER DODGE TXTB (4 7/16 DIA) TAPER LOCK BUSHING, ASSEMBLY INCLUDES TWO BUSHINGS, KEYS AND MOUNTING BOLIS (DODGE PART 272035) ONE CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR GEAR BOX MOUNTED IN POSITION D WITH TAB-8 BOTTOM MOTOR MOUNT (DODGE PART 248406), TO, FIT 3651 FRAME, 50 HP MOTOR, ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE SVX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE No 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE SVX9.25, 3		90 20	75 450
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5 5 5 5 15	P P	R00045 R00475 R00133 R00461 R00164		PART 2482BO). 60 RPM IS REQUIRED AT SLOW SPEED SHAFT. ONE CEREDIEID DRAWING AND TEN 10&M MANUAL'S REQUIRED WITH ORDER DODGE TXTB (4 7/16 DIA) TAPER LOCK BUSHING, ASSEMBLY INCLUDES TWO BUSHINGS, KEYS AND MOUNTING BOLTS (DODGE PART 272035) ONE CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR CEAR BOX MOUNTED IN POSITION D WITH TAB-8 BOTTOM MOTOR MOUNT (DODGE PART 248406). TO, FIL 3651 FRAME. 50 HP MOTOR. ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE SVX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE NO 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER). DODGE SVX9.25, 3		90	450
5 5 5 5 15	P P	R00045 R00475 R00133 R00461 R00164		IOAM MANUALS REQUIRED WITH ORDER DODGE TXTB (4 7/16 DIA) TAPER LOCK BUSHING, ASSEMBLY INCLUDES TWO BUSHINGS, KEYS AND MOUNTING BOLTS (DODGE PART 272035) ONE CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR CEAR BOX MOUNTED IN POSITION D WITH TAB—8 BOTTOM MOTOR MOUNT (DODGE PART 248406). TO FIT 365T FRAME. 50 HP MOTOR ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE SVX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE NO 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE SVX9.25, 3		90	450
5 5 5 5 15	P P	R00045 R00475 R00133 R00461 R00164		MOUNTING BOLTS (DODGE PART 272035) ONE CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR CEAR BOX MOUNTED IN POSITION D WITH TAB-8 BOTTOM MOTOR MOUNT (DODGE PART 248406). TO FIT 365T FRAME, 50 HP MOTOR, ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE 5VX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE No 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE 5VX9.25, 3		90	450
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5 5 5 15	PPPP	R00475 R00133 R00461 R00164	-	CERTIFIED DRAWING REQUIRED WITH ORDER MOTOR MOUNT FOR CEAR BOX MOUNTED IN POSITION D WITH TAB-8 BOTTOM MOTOR MOUNT (DODGE PART 248406). TO FIT 365T FRAME. 50 HP MOTOR. ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE 5VX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE NO 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER). DODGE 5VX9.25, 3		20	100
5 5 5 15	PPPP	R00475 R00133 R00461 R00164	-	D WITH TAB-8 BOTTOM MOTOR MOUNT (DODGE PART 248406), TO FIT 3651 FRAME, 50 HP MOTOR, ONE CERTIFIED DRAWING REQUIRED WITH ORDER DRIVER SHEAVE (MOTOR) DODGE 5VX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE No 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE 5VX9.25, 3		20	100
5 5 5 15	P P	R00133 R00461 R00164	-	248406). TO_FIT_365T_FRAME50_HP_MOTOR_ONE_CERTIFIED_DRAWING_REQUIRED_WITH_ORDER DRIVER_SHEAVE_(MOTOR)_DODGE_5VX8.5, 3_GROOVE_(DODGE_PART_111004) DRIVER_SHEAVE_BUSHING, DODGE_No_2517, WITH_KEY, 2_1/8_BORE_1/2_x_1/4_KEYWAY_(DODGE_PART_117096) DRIVEN_SHEAVE_(REDUCER), DODGE_5VX9.25, 3			
5 5 5 15	P P	R00133 R00461 R00164	-	DRIVER SHEAVE (MOTOR) DODGE SVX8.5, 3 GROOVE (DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE No 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE 5VX9.25, 3			
5 5 5 15	P P	R00133 R00461 R00164	-	(DODGE PART 111004) DRIVER SHEAVE BUSHING, DODGE No 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE 5VX9.25, 3			
5 5 15	P	R00461 R00164	-	DRIVER SHEAVE BUSHING, DODGE No 2517, WITH KEY, 2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE 5VX9.25, 3		2.2	11
5 5 15	P	R00461 R00164		2 1/8 BORE 1/2 x 1/4 KEYWAY (DODGE PART 117096) DRIVEN SHEAVE (REDUCER), DODGE 5VX9.25, 3			 '-'
5	P	R00164	-	DRIVEN SHEAVE (REDUCER), DODGE 5VX9.25, 3		4	
5	P	R00164	-	UKIVEN SHEAVE (KEDUCEK), DOUGE 5VX9.25, 3			
15				GROOVE (DODGE PART 111099)		21	105
15			, - 7	DRIVEN SHEAVE BUSHING, DODGE No 3020, WITH		4.4	22
	P			KEY, 2 7/16 BORE, 5/8 x 5/16 KEYWAY (DODGE			
	P			PART 117125)			
5		R00192		DRIVE BELTS (INCLUDES SPARE PARTS) V-BELT, 5VX950 FOR 60 RPM ROTOR OPERATION (DODGE	_		
5				PART 107195) ONE CERTIFIED DRAWING REQUIRED WITH ORDER			
	Р	C26401	_			107	535
				BELT GUARD, DODGE, FOR A TXT 825 GEAR REDUCER MOUNTED IN POSITION D WITH DODGE TAB-8 BOTTOM MOTOR MOUNT SO HP 3651 FRAME MOTOR BELT			
				MOTOR MOUNT, 50 HP, 365T FRAME MOTOR, BELT CENTER TO CENTER DISTANCE OF 33.2 - 37.5			
				INCHES, DESIGNED TO FIT DIA'S OF 9.25 INCHES, NEW SQUARE DESIGN PAINTED OSHA YELLOW, ONE			
				CERTIFIED DRAWING REQUIRED WITH ORDER			
1	Р	P09323		LUBE LINE, SOFT COPPER03 WALL x 1/4 DIA x 5-0 LONG, FROM 50-0 COIL			
		500,705					
10	Р	P09325		FEMALE BULKHEAD CONNECTOR, 1/4 TUBE x 1/8 NPT (PARKER 4-2-GH2BZ-B)			
10	P	P09324	-	MALE BULKHEAD CONNECTOR, 1/4 TUBE x 1/8 NPT			
				(PARKER 4-2-FBZ-B)			
10	Р	H01774		LUBE LINE SEAL. 1/4 ID x 3 OD x 1/4 THK.	-		
		500310		MOUNTS ON COPPER LINE ABOVE BEARING			
5	Р	E00742		OIL LEVEL GAUGE, WINDOW SIGHT, 1/2 NPT, WITH REFLECTOR, MOUNTS TO GEAR REDUCER (OIL—RITE	-		
				PART B-1740-13)			
				HARDWARE			
10	Р	H01048		HHCS 3/4-10UNC x 2 1/2	GR5 ZPS		=
10	P P	H03251		WASHER FLAT 3/4 NOM DIA NUT HEX 3/4-10UNC	GR5 ZPS	-	
	_			- TAB-8 MOTOR MOUNT			-
20	P P	H01775 H01198		HHCS 5/8-11UNC x 2-1/2	A449 ZPS CS ZPS	-	==
20	Р	H00538		WASHER SPLIT LOCK 5/8 NOM DIA	CS ZPS		=
20	-	1100008			AUJ ZFS		二
10	Р	H02772		HHCS 3/4-10UNC x 8	304 SS		
10 10	P P	H03202	-	WASHER FLAT 3/4 NOM DIA	304 SS		==
10	P	H03163	-	NUT HEX 3/4-10UNC	304 SS		
				- ANCHOR BOLTS - LUBE LINE BRACKET	10.0.00		
20	P P	H01773 M00123		ADHESIVE ANCHOR HILTI HY 150	18-8 SS -		
\neg	\dashv			(ONE CART / 36 ANCHORS)			
	\dashv						
	\exists						
777	-					MERCHI	WEIGHT
ROJ	sic	PART No	DWG No	DESCRIPTION	MATL	/ UNIT	
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2174	10 10 20 20 20 20 10 10 10 10 10	10 P 10 P 20 P 20 P 20 P 20 P 20 P 10 P 10 P 10 P 10 P	10 P H03261 10 P H03251 20 P H01775 20 P H01198 20 P H00538 20 P H00568 10 P H03202 10 P H03202 10 P H03163 20 P H03163	10 P H03261 10 P H03251 20 P H01775 20 P H01198 20 P H00538 20 P H00568 10 P H03202 10 P H03202 10 P H03163 20 P H03163 20 P H01773 1 P M00123	HARDWARE 10 P H01048	HARDWARE	HARDWARE

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CITY OF WESLACO
W.W.T.P. ADDITIONS & ALTERATIONS
CITY OF WESLACO, TEXAS
5300 MAMMOTH ROTOR
MASTER BILL OF MATERIALS

	DRAWN JL IAIL		
	CHECKED	LINE IS 1" ON ORIGINAL DWG.	4
	APPROVED	ADJUST SCALE ACCORDINGLY	<b>'</b>
_	DATE 4/26/99	SCALE NONE	
	SAVE NAME	_	DR
	вм-02	SHEET 2 OF 2	



ITEM	PROJ	SIC	PART No	DWG No	DESCRIPTION	MAT'L	/ UNIT	/ PR
B001	61 V	VAL	SEALS		ASSEMBLIES			
	5	М	F00101	5300-4515-24(1/3)		ASSY	110	55
					(SERIAL NUMBERS 98-67-047 THRU 98-67-051)			
					PURCHASE ITEMS			
	10	M		5300-4515-24(2/3)	SHAFT SEAL PLATE	3003-H14	5	5
	10	P	H06700	5300-4515-24(3/3)	NEOPRENE SEAL	NEOPRENE	1	1
	20	Ρ	H06701		NEOPRENE SPONGE 1/4 x 6 x 61 LONG (CLOSED CELL WITH PSA BACKING)	NEOPRENE	.5	1
	10	Р	H06701	-	NEOPRENE SPONGE 1/4 x 6 x 36 LONG (CLOSED CELL WITH PSA BACKING)	NEOPRENE	.5	
	20	INV	H05471			NEOPRENE		
	L		1100 171		SLINGER GASKET 3/8 x 5 15/16 (+0 -1/16) x 9 (DURO 50, MOUNTS ON STUB SHAFT, DITCH SIDE)	NEOT NEITE		
					HARDWARE			
	100	Р	H02373		WASHER FLAT 3/8	18-8 SS		
	100	Р	H02387	eta.	WASHER SPLIT LOCK 3/8	18-8 SS		
	100	P	H05585		NUT HEX 3/8-16UNC	18-8 SS		
					ANCHOR BOLTS			_
	130	P	H06724		ROD FULL THD 1/2 -13UNC x 4 LONG	304 SS		
						304 SS		
	130		H06725		WASHER FLAT 1/2			
	130	Р	H06726	-	NUT HEX 1/2-13UNC	304 SS		
	4	Р	M00123		ADHESIVE ANCHOR HILTI HY 150 (ONE CART / 37 ANCHORS)			
m/c/s			UKTPAR					
B001	30_6	EAR	unus		ASSEMBLIES			
	5	М	F00102	5300-5501-23	SOLEPLATE FOR 4 7/16 NON-EXPANSION BEARING	ASSY	47	23
	5	М	F00103	5300-5502-26	SOLEPLATE FOR 3 15/16 EXPANSION BEARING	ASSY	47	23
					OUDCLASS STATE			
					PURCHASE ITEMS			
	5	P	R00258		BEARING, 4 7/16 DIA, NON-EXPANSION, SPLIT PILLOW BLOCK, DOUBLE INTERLOCK, WITH E-TECT SEALS, 4-BOLT BASE, 100% FACTORY GREASE FILLED WITH SEALS PURGED: DODGE/ROCKWELL AUTOMATION	ASSY	139	69
	5	Р	R00262		BEARING, 3 15/16 DIA, EXPANSION, SPLIT PILLOW BLOCK, DOUBLE INTERLOCK, WITH E-TECT SEALS, 4-BOLT BASE, 100% FACTORY GREASE FILLED WITH	ASSY	114	57
$\overline{\Delta}$					SEALS PURGED: DODGE/ROCKWELL AUTOMATION			
<b>/2</b> \	11	_P/	M10056	/////	AIN INFRED 69 (1/21/RSD)			
		Ρ	M00231		PAINT TENEMEC 69 (1255 BEIGE)			
		Р	M00153	-	PAINT #4 THINNER TENEMEC			
					HARDWARE			
	20	Р	H01054		HHCS 3/4-10UNC x 4	A307 ZPS		
	20	Р	H00168	-	HHCS 3/4-10UNC x 4 1/4	A307 ZPS		
	40		H01199		WASHER FLAT 3/4	CS ZP		
					ANOUND BALLY			
	20	Р	H00519		ANCHOR BOLTS  ROD THREADED 1-BUNC x 16 LONG	304 SS		
								<u> </u>
	40		H05280		HEX NUT 1-BUNC	304 SS		
	40		H05282		WASHER FLAT 1 NOM DIA	304 SS		
	5	Р	M00123	<del>-</del>	ADHESIVE ANCHOR HILTI HY 150 (ONE 11.1 OZ CART / 4 ANCHORS)	-	_	
					SHOP NOTES:			
		$\dashv$		/2	1 FOOLOG & FOOLOG CHALL BE COLVENT OFFAMED			
					PER SSPC-SP1, BLASTED PER SSPC-SP10, & GIVEN ONE COAT TENEMEC SERIES 69 1255 BEIGE PRIMER, 3.0 - 5.0 MILS AVERAGE DFT.			
					2. SHIP ROD262 & ROD258 IN THE ORIGINAL BOXES			
					AS RECEIVED. TAG F00102 & R00258 "OUTBOARD BEARING", TAG F00103 & R00262 "OUTBOARD			
					BEARING" SHIP ALL PARTS GROUPED TOGETHER.			******
	QTY/ PROJ	-					WEIGHT	WEIGH
ITEM	PROL	SIC	PART No	DWG No	DESCRIPTION	MAT'L	/ UNIT	/ PRO

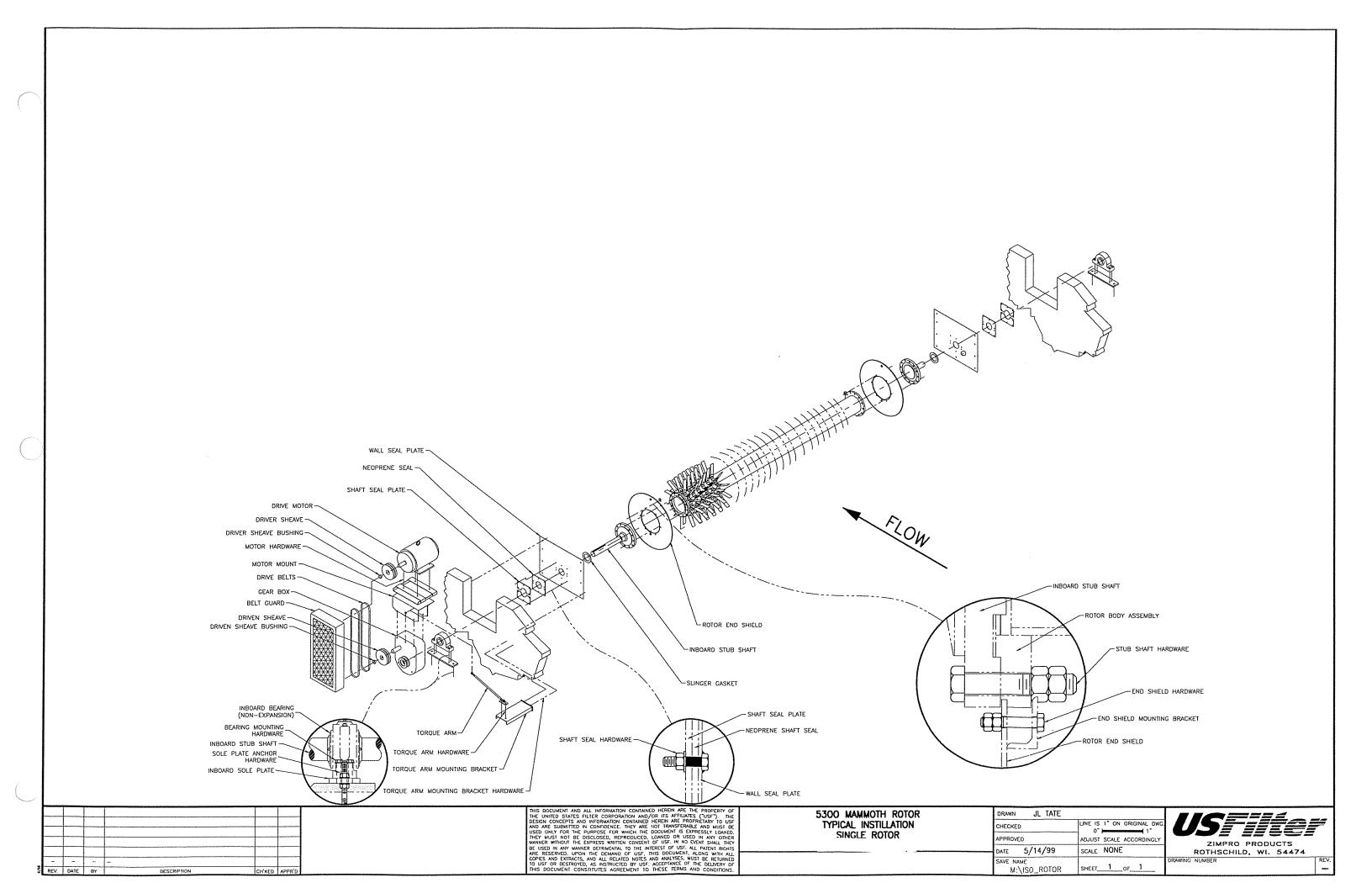
ITE	М	QTY/ PROJ	sic	PART No	DWG No	DESCRIPTION	MAT'L	WEIGHT / UNIT	WEIGHT / PRO
3 <b>BO</b>	015	9 F	OTO	R BODIE	\$		<u> </u>		
	丰					ASSEMBLIES	<u> </u>		
	$\pm$	5	М	F00104	5300-F104-01		ASSY		18887
	士				(SHT 1 OF 3)				
-	+	6	-	-	-	SHIPPING STAND (SEE ROTOR BODY SHIPPING ASSY)		_	-
	1	10	М	F01084	5300-6880-01	END SHIELD	A 36	103	1030
	#	60	М	F01083	5300-5036-09	END SHIELD MOUNTING BRACKET	A 36	.33	20
	$\pm$					PURCHASE ITEMS	<del> </del>		
-	+	5	P	C25901	5300-5301-58	INBOARD STUB SHAFT		440	4400
	1	5	Þ	C25902	5300-5302-16	OUTBOARD STUB SHAFT	=	300	3000
	#					UADDWADT			
	$\pm$					HARDWARE			
	$\perp$					- END SHIELD			
	+	60	Р	H05598	-	HHCS 1/2-13UNC x 2 3/4	A449 ZPS		
	+	60	Р	H00123	_	NUT HVY HEX 1/2-13UNC	A563 ZPS		-
	#	60	P	H00523		NUT JAM 1/2-13UNC	A563 ZPS	-	
	丰					- INBOARD/OUTBOARD STUB SHAFT			
		120	Р	H06703		HHCS 1-8UNC x 5	A449 ZPS		-
	$\perp$	120	Р	H00128	_	NUT HVY HEX 1-8UNC	A563 ZPS	_	
	-	120	P	H00524		NUT JAM 1-8UNC	A563 ZPS		
	-								
BO	016	O V	ELO	CITY BAFT	UES				
						ASSEMBLIES			
	$\pm$	5	м	F00107	5300-4517-74	BAFFLE TUBE ASSEMBLY	ASSY	802	4010
$\vdash$	$\pm$				(SHT 1 OF 4)				
$\vdash$	$\mp$	10	М	F00108	5300-4517-74 (SHT 2 OF 4)	BAFFLE BRACKET	A 36	33	165
	1	5	м	F00109	5300-4517-74	LEFT END WALL PLATE	ASSY	73	365
					(SHT 3 OF 4)	CETT CHO WALL TONG	7331		50.
	士	5	М	F00109	5300-4517-74	RIGHT END WALL PLATE	ASSY	73	365
					(SHT 4 OF 4)				
	$\pm$					HARDWARE			
-	-	40	P	H00526	_	ROD FULL THREAD 3/4-10UNC x 9 1/2 LONG	304 SS		
	-	80	Р	H03163		NUT HEX 3/4-10UNC	304 SS		
_	#	80	Р	H03202	_	WASHER FLAT 3/4 NOM DIA	304 SS		
	$\perp$		P				304 33		
	$\perp$	3		M00123		ADHESIVE ANCHOR HILTI HY 150 (1 CART / 12 ANCHORS)			
L	$\perp$								
BOC	016	2 E	FU	UENT WIE	RS	ASSEMBLIES			
	4	2	и	F00113	5700-3000-48	WIER ASSEMBLY	ASSY	858	1716
	1				(SHEET 4 OF 6)	men Addition	K331	555	1710
	1	2	м	F00114	5700-3000-48	ACTUATOR PEDISTAL ASSEMBLY	ASSY	44	88
	土				(SHEET 5 OF 6)	NAMEPLATE NO'S: 98-73-008 & 98-73-009			
1	$\pm$	2	М	F00115	5700-3000-48 (SHEET 6 OF 6)	ACTUATOR LINKAGE	A 36	28	56
-	+	2	М	F00116	5300-7141-20	ACTUATOR SUPPORT BEAM	A 36	154	308
	$\mp$	8		R00437	5300-5422-01	BEAM SUPPORT BRACKET	A 36	7	56
	1			1,00,101		HARDWARE	_ ^ J0		
	#	_	_			- ACTUATOR TO PEDISTAL			
	$\pm$	8	P	H02194		HHCS 5/8-11UNC x 2-1/2	18-8 SS		
	$\pm$	8	Р	H02377		WASHER FLAT 5/8 NOM DIA	18-8 SS	_	
	+	8	P	H02391		WASHER SPLIT LOCK 5/8 NOM DIA	18-8 SS		
	1	8		H02405		HUT HEX 5/8-11-UNC	18-8 SS		
	#		$\dashv$	1102403			10-0 33		
	士					- PEDISTAL TO SUPPORT BEAM			
E	+	8	Р	H02165		HHCS 1/2-13UNC x 2-1/2	18-8 SS		
_	Ŧ	8	Р	H00541		WASHER FLAT 1/2 NOM DIA	18-8 SS	_=	
	#	8	Р	H00555		WASHER SPLIT LOCK 1/2 NOM DIA	18-8 SS		
		8	Р	H02403		HUT HEX 1/2-13UNC	18-8 SS	=	
ITEM	. 0	TY/		PART No	DWG No	DESCRIPTION	MAT'L	WEIGHT	WEIGHT

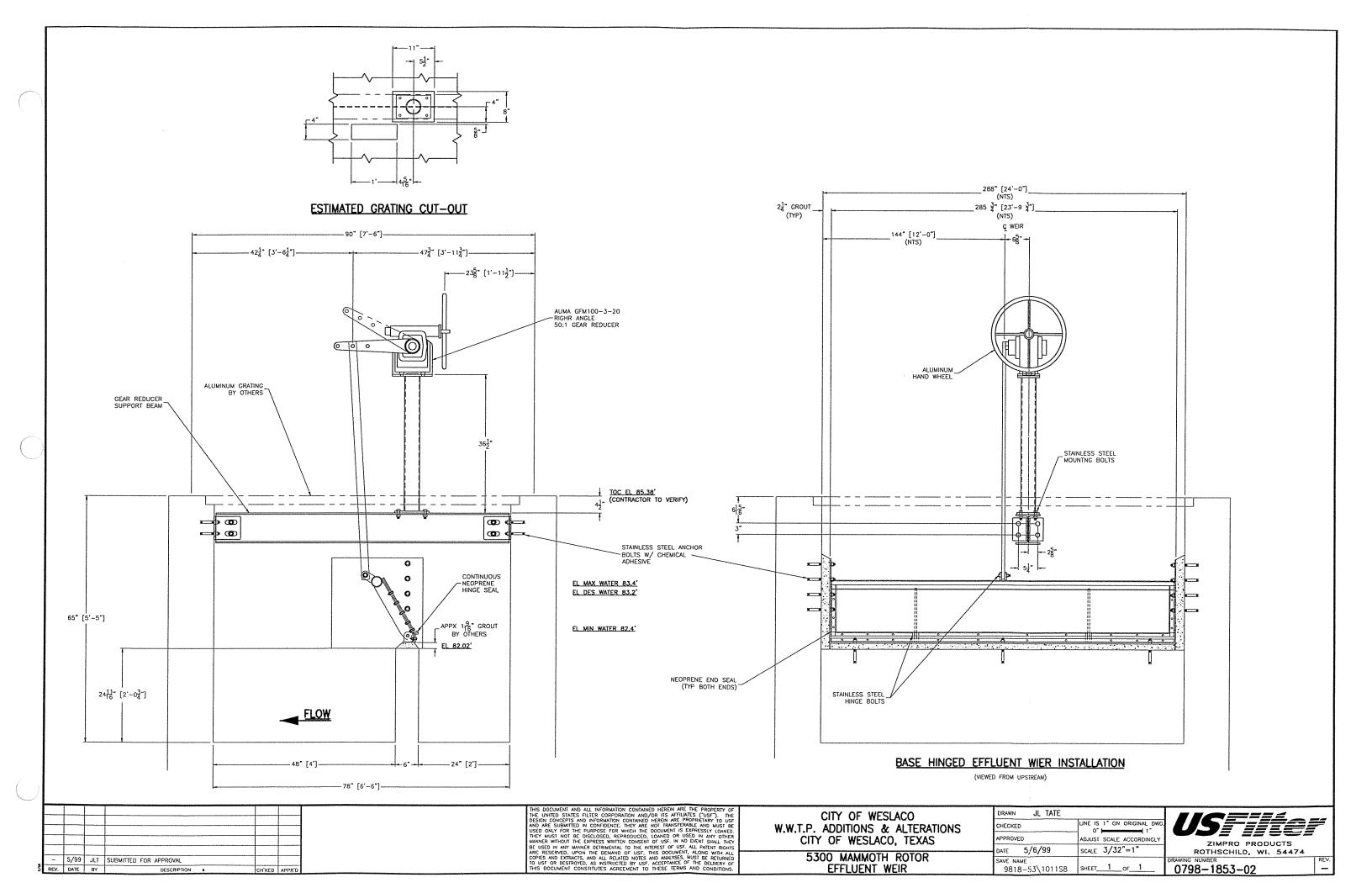
	QTY/ PROJ	SIC	PART No	DWG No	DESCRIPTION	MAT'L	WEIGHT / UNIT	WEIGHT
					- LINKAGE ARM TO ACTUATOR & WIER			
		Р	H02227		HHCS 3/4-10UNC x 2 1/4	10 0 66		
		P				18-8 SS		
		P	H00556		NUT HEX 3/4-11UNC SELF-LOCK NYLON INSERT	18-8 SS	-	
					- SUPPORT BEAM TO BRACKET			
		Р	H00163		HHCS 3/4-10UNC x 2 3/4	A449 ZPS	-	
	8	Р	H00542		WASHER FLAT 3/4 NOM DIA	CS ZPS	-	
	8	Р	H00557	-	WASHER SPLIT LOCK 3/4 NOM DIA	CS ZPS		-
	8	Р	H00126		NUT HVY HEX 3/4-10UNC	A563 ZPS		-
					ANCHOR BOLTS			
					- SUPPORT BEAM			
	16		UOOF CO			701.00		
	16		H00562		ROD FULL THD 3/4-10UNC x 7 1/2 LONG	304 SS		
	16		H03202	_	WASHER FLAT 3/4 NOM DIA	304 SS		
	16		H03228		WASHER SPLIT LOCK 3/4 NOM DIA	304 SS		-
	16	Р	H03163		NUT HEX 3/4-10UNC	304 SS		
		_			- WEIR ASSEMBLY			
=	30	Р	H00558	-	ROD FULL THD 5/8-11UNC x 9 LONG	304 SS		-
	30	Р	H01772	-	WASHER FLAT 5/8 NOM DIA	304 SS		
	30	Р	H03227	_	WASHER SPLIT LOCK 5/8 NOM DIA	304 SS		
	30	P	H01770		NUT HEX 5/8-11UNC	304 SS	-	
	5	P	M00123	_	ADHESIVE ANCHOR HILTI HY 150	_		
					(ONE_CART / (12) 3/4" ANCHORS) (ONE_CART / (8) 5/8" ANCHORS)			
		$\exists$						
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$\dashv$		$\dashv$						
	QTY/ PROJ	-					WEIGHT	WEIGHT

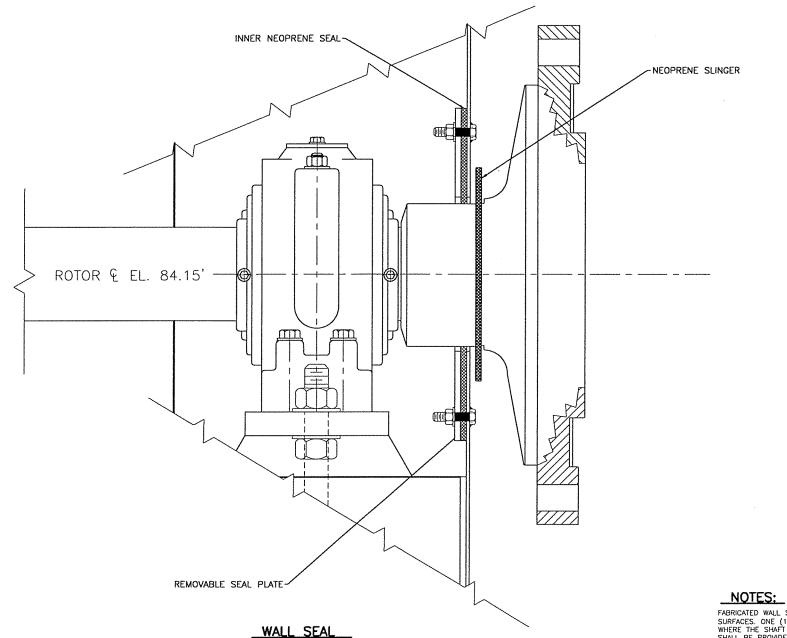
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DATE	BY	DESCRIPTION	CH'KED	APPR'D	DATE	REV.	BY	DESCRIPTION	CH'KED	AFPR'D	THIS DOCUMENT CONSTITUTES AGREEMENT TO THESE TERMS AND CONDITIONS.	

CITY OF WESLACO
W.W.T.P. ADDITIONS & ALTERATIONS
CITY OF WESLACO, TEXAS
5300 MAMMOTH ROTOR
MASTER BILL OF MATERIALS









FABRICATED WALL SEALS SHALL BE FURNISHED FOR MOUNTING ON THE CONCRETE SURFACES. ONE (1) AT THE DRIVE ASSEMBLY END AND ONE (1) AT THE OUTBOARD BEARING END. WHERE THE SHAFT PASSES THROUGH THE WALL SEAL, REMOVABLE SEAL PLATES, AND SEAL GASKETS SHALL BE PROVIDED. SEAL PLATES SHALL BE ALUMINUM, AND SHALL BE LARGE ENOUGH TO PERMIT THE REMOVAL AND REPLACEMENT OF THE SLINGER AND SEAL. A REPLACEABLE ONE PIECE NEOPRENE SLINGER RING SHALL BE CLAMPED TO THE TORQUE TUBE SIDE OF THE WALL SEAL PLATE.

D.E. DEGNER

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	00	9/98	DED	SUBMITTED FOR APPROVAL.		
ı	REV.	DATE	BY	DESCRIPTION	CH'KED	APPR'D

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SHAFT SEAL ARRANGEMENT DETAIL

CITY OF WESLACO
W.W.T.P. EXPANSION & IMPROVEMENTS
CITY OF WESLACO, TEXAS
5300 MAMMOTH ROTOR

**STANDARD** 

NSION & IMPROVEMENTS	CHECKED	LINE IS 1" ON ORIGINAL DWG
WESLACO, TEXAS	APPROVED	ADJUST SCALE ACCORDINGLY
•	DATE 09/30/98	SCALE NONE
MAMMOTH ROTOR SEAL ARRANGEMENT	SAVE NAME 9818-53\0100S6	SHEET 6 OF 7

DRAWN

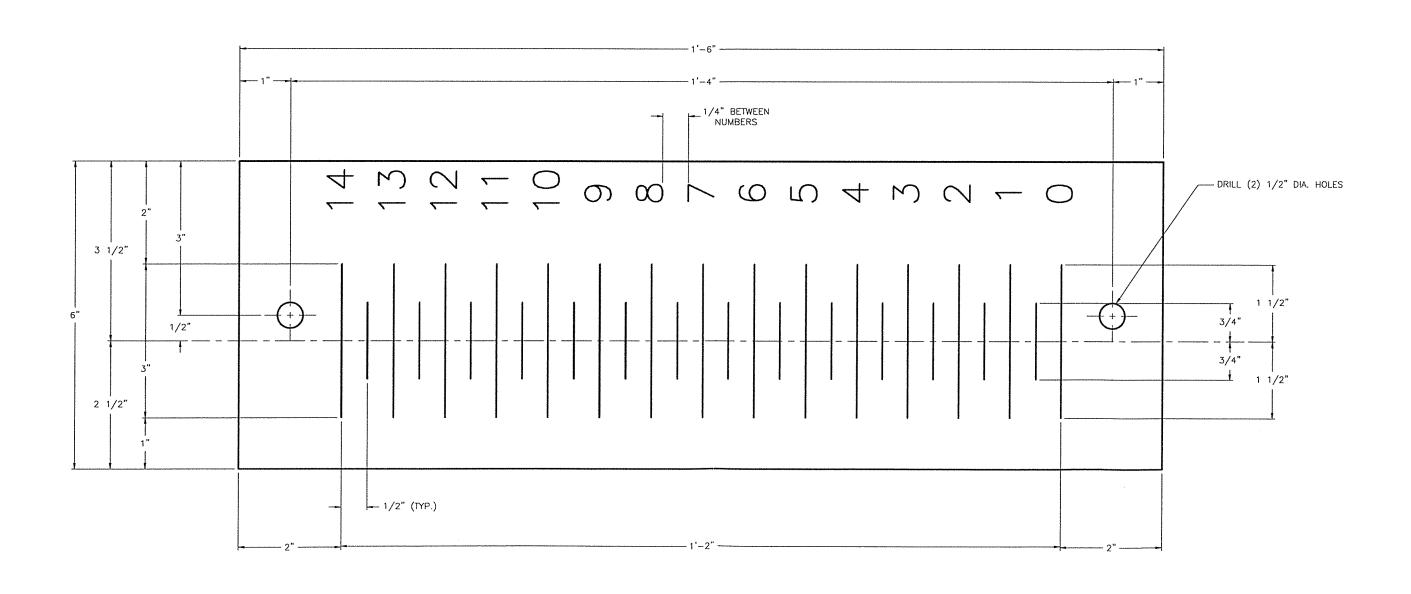
R		<u> </u>
UNE IS 1" ON ORIGINAL DWG. 0" 1" ADJUST SCALE ACCORDINGLY	ZIMPRO	
SCALE NONE	ROTHSCHILD, WI. 54474	•
SHEET 6 OF 7	DRAWING NUMBER 0798-1853-01	REV. 00

# SHOP NOTE:

- AFTER ENGRAVING, ENTIRE PLATE TO BE ANODIZED PER ALUMINUM ASSOCIATION #215-R1.
- 2. LETTERS AND GROOVES TO BE PAINTED BLACK ENAMEL.
- 3. ENTIRE PLATE TO BE COATED WITH TWO (2) COATS OF POLYURETHANE.

  4. GROOVES TO BE 1/8" WIDE x 1/16" DEEP. NUMERALS TO BE 3/4" HIGH, AND 1/16" DEEP.

ITEM NO.	OTY PER ASS'Y	TOTAL QTY	PART NUMBER	DWG SIZE	BILL OF MATERIAL DESCRIPTION	UNIT WEJGHT	TOTAL WEIGHT	MATERIAL	E SYM.	PURCH. ORDER
					MMERSION GAUGE ASSEMBLY-08 ITEMS					
1	1	1	5300-6176-12	D	ALUMINUM PLATE: 1/8" x 6" x 1'-6" LONG.	1.3	2.6	6063-T6	SC	
2	2	2	4893-2006		WEDGE ANCHOR; 3/8"-16UNC x 2 3/4" LONG.			STN. STL.	Р	
				l	REDHEAD #WW-3826 OR EQUAL					
					TOTAL WEI	GHT =	2.6#			



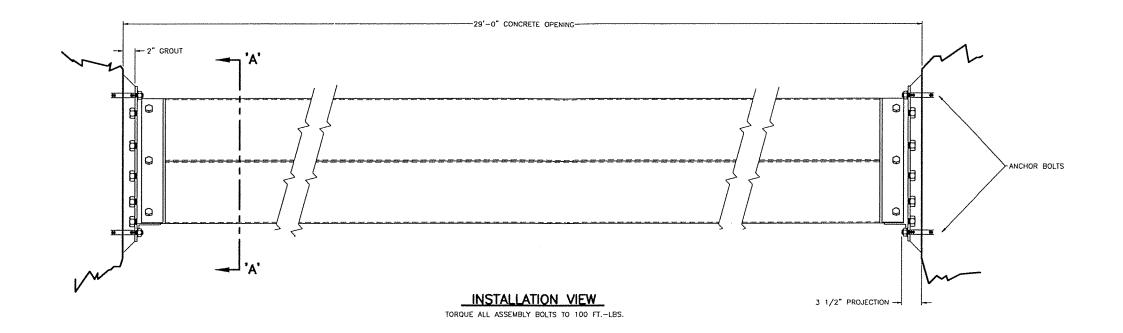
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REV.	DATE	BY	DESCRIPTION	CH'KED	APPR'D

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CITY OF WESLACO W.W.T.P. EXPANSION & IMPROVEMENTS CITY OF WESLACO, TEXAS 5300 MAMMOTH ROTOR IMMERSION GAUGE

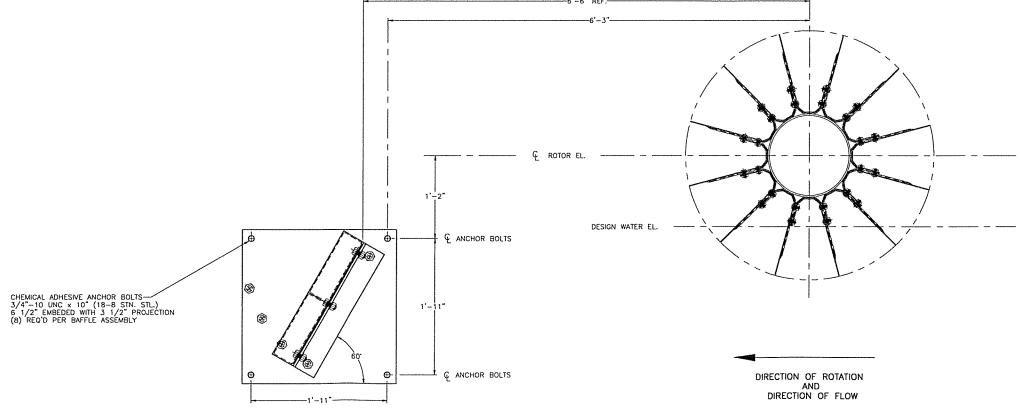
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CHECKED	LINE IS 1" ON ORIGINAL DWG.
APPROVED	ADJUST SCALE ACCORDINGLY
DATE 09/30/98	SCALE NONE
SAVE NAME 9818-53\010055	SHEET 5 OF 7

ZIMPRO PRODUCTS ROTHSCHILD, WI. 54474 0798-1853-01 REV.



### GENERAL NOTES:

- (1) SHOP TO COMPLETLY ASSEMBLE TO ENSURE FIT.
  (2) FIELD ERECTOR TO INSTALL THE BAFFLE
  AT 60 DEGREES OFF HORIZONTAL CENTERLINE
  AS SHOWN IN SECTION "A-A" BELOW.
  (3) ENTIRE ASSEMBLY TO BE SOLVENT CLEANED PER SSPC-SP1, "NEAR WHITE BLAST" SSPC-SP10,
  (1)-COAT TNEMEC SERIES 69 EPOXOLINE PRIMER, 3.0-5.0 MILS D.F.T. AFTER FABRICATION
  (4) (2)-TWO MULTIPLE POSITION
  FIXED VELOCITY BAFFLES REQ'D.
  (5) ITEMS IN ARE TO BE INSTALLED AT FIELD
  ERECTION.



(4) POSITION ADJUSTMENT 15,30,45, &60 DEGREES

SECTION: 'A-A'

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CITY OF WESLACO
W.W.T.P. ADDITIONS & ALTERATIONS
CITY OF WESLACO, TEXAS
5300 MAMMOTH ROTOR
ADJUSTABLE VELOCITY BAFFLE

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ACO, TEXAS	APPROVED			SCALE ACCORDING
	DATE	12/21/1998	SCALE	NONE
OCITY BAFFLE	SAVE NAM	Æ −53\0100S3	SHEET_	4 of 7

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CHECKED

LINE IS 1" ON ORIGINAL DW ZIMPRO PRODUCTS ROTHSCHILD, WI. 54474 REV.

0798-2453-01

